

Amendments to the Specification:

Please insert the following paragraphs at page 19, line 1:

Figures 1-3 show devices in accordance with the present invention. Figure 1 shows 9 examples of devices sending and receiving measurement packets in accordance with the present invention. Example 1 illustrates a sending device 101 and a device 110, with the sending device 101 sending a measurement packet 200. Example 2 illustrates the device 110 and a receiving device 120, with the receiving device receiving a measurement packet 201. Example 3 illustrates the sending device 101 sending a measurement packet 203 and the receiving device 120 receiving the measurement packet 203. Example 4 illustrates the sending device 101 sending to the receiving device 120 one measurement packet 207 over a first path and another measurement packet 211 over a second path. Example 5 illustrates a sending/receiving device 125 and the device 110, with the sending/receiving device 125 receiving a measurement packet 213 and sending a measurement packet 215.

Example 6 illustrates the sending/receiving device 125 receiving a measurement packet 217 and sending a measurement packet 219 and the receiving device 120 receiving the measurement packet 219. Example 7 illustrates the sending/receiving device 125 receiving a measurement packet 223 and sending a measurement packet 224 along a first path to the receiving device 120 and sending a measurement packets 229 along a second path to the receiving device 120. Example 8 illustrates the sending device 101 sending to the sending/receiving device 125 a measurement packet 231 along a first path and a measurement packet 235 along a second path. Example 8 also illustrates the sending/receiving device 125 sending a measurement packet 237. Example 9 illustrates the sending/receiving device 125 receiving a measurement packet 239 and sending a measurement packet 241 along a first path and a measurement packet 243 along a second path. Example 9 also illustrates a sending/receiving device 126 receiving the measurement packets 241 and 243 and sending a measurement packet 245.

Figure 2 is a block diagram of a sending/receiving device A 310 communicating with a sending/receiving device B 325. The sending/receiving device A 310 sends a measurement packet 400 with measurement statistics to the sending/receiving device B 325 and receives a measurement packet 410 with measurement statistics 410 from the sending/receiving device B 325.

Figure 2 also illustrates steps 1010, 1015, 1020, 1025, 1030, 1035 performed by the sending/receiving device A 310 and steps 1040, 1045, 1050, 1055, 1060, and 1065 performed by the sending/receiving device B 325. When the sending/receiving device B 325 transmits the measurement packet 410, the sending/receiving device A 310 receives the packet 410 in the step 1010 and, in the step 1015, computes measurements from the packet 410 and extracts measurement statistics. From the step 1015, the sending/receiving device A 310 selects a subset of paths based on the measurement statistics in the step 1020 and also computes measurement statistics from the measurements in the step 1025. The sending/receiving device A 310 puts the measurement statistics into a packet in the step 1030. In the step 1035, the sending/receiving device A 310 sends the measurement packet 400 with measurement statistics to the sending/receiving device B 325.

Figure 2 illustrates that the sending/receiving device B 325 performs steps 1040, 1045, 1050, 1055, 1060, and 1065, similar to the steps 1010, 1015, 1020, 1025, 1030, and 1035, respectively. Accordingly, the steps 1040, 1045, 1050, 1055, 1060, and 1065 will not be discussed here.

Figure 3 illustrates multiple sending/receiving devices A-C, labeled 500, 510, and 520, respectively. As shown in Figure 3, the sending/receiving device A 500 sends to the sending/receiving device B 510 a measurement packet 701 along Path1 601 and a measurement packet 702 along Path 2 602. The sending/receiving device A 500 sends to the sending/receiving device C 520 a measurement packet 711 along Path 3 603 and a measurement packet 712 along Path 4 604.

As also illustrated in Figure 3, the sending/receiving device B 510 sends to the sending/receiving device A 500 a measurement packet 703 along Path1 601 and a measurement packet 704 along Path 2 602. The sending/receiving device B 510 sends to the sending/receiving device C 520 a measurement packet 723 along Path 5 605 and a measurement packet 724 along Path 6 606. The sending/receiving device C 520 sends to the sending/receiving device A 500 a measurement packet 713 along Path3 603 and a measurement packet 714 along Path 4 604. The sending/receiving device C 520 sends to the sending/receiving device B 510 a measurement packet 721 along Path 5 605 and a measurement packet 722 along Path 6 606.